PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 15297WO01	FOR FURTHER see Form PCT/ISA/220 ACTION as well as, where applicable, item 5 below.				
International application No. PCT/US04/37257	International filing date (day/month/year) 08 November 2004 (08.11.2004)	(Earliest) Priority Date (day/month/year) 07 November 2003 (07.11.2003)			
Applicant SENREQ, LLC					
This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau. This international search report consists of a total of					
language in which it was filed, unless otherwise indicated under this item. The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).					
b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.					
	unsearchable (See Box No. II)				
3. Unity of invention is lacking	ng (See Box No. III)				
4. With regard to the title,		·			
the text is approved as subm	•				
the text has been established by this Authority to read as follows:					
		•			
5. With regard to the abstract,					
the text is approved as subn	nitted by the applicant.				
the text has been established	I, according to Rule 38.2(b), by this Authorit	y as it appears in Box No. IV. The applicant reh report, submit comments to this Authority.			
6. With regard to the drawings,					
a. the figure of the drawings to be	published with the abstract is Figure No. $\underline{1}$				
as suggested by the		and a figure			
	Authority, because the applicant failed to sug				
as selected by this Authority, because this figure better characterizes the invention. b. none of the figures is to be published with the abstract.					
	published with the abstract.				

Form PCT/ISA/210 (first sheet) (January 2004)

INTERNATIONAL SEARCH REPORT

International application No.

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Box IV TEXT OF THE ABSTRACT (Continuation of item 5 of the first sneet)				
The technical features mentioned in the abstract do not include a reference sign between parentheses (PCT Rule 8.1(d)).				
NEW ABSTRACT				
Exhaust gases enter the tank of a columnar vessel (12) and are subsequently forced through a diffuser (24) that is at least partially immersed in a column of solution.				
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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/37257

A. CLAS	SIFICATION OF SUBJECT MATTER				
IPC(7)	: B01D 47/12, 53/14				
US CL	: 96/290, 352, 416, 242 International Patent Classification (IPC) or to both nat	tional classification and IPC			
	OS SEARCHED				
		e classification symbols)			
Minimum documentation searched (classification system followed by classification symbols) U.S.: 96/290, 329, 351, 352, 416, 242; 261/115, 121.1, 126					
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched					
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Continuation Sheet					
C. DOCI	JMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.		
Х	US 4,661,130 A (EBELING et al) 28 April 1987 (28.04.1987), figures, col. 2, lines 30-37,		1, 2, 7		
<u> </u>	col. 3, lines 15-47, col. 4, lines 5-55		3-6, 8-17		
x	US 2,070,578 A (BOWMAN) 16 February 1937 (16.02.1937), figure, col. 1, line 13 to col.		1, 2		
Y	2, line 6 US 3,465,504 A (OROPEZA et al) 09 September 1969 (09.09.1969), figure 1, col. 2, lines 40-41		3, 12		
Y	40-41 US 3,957,464 A (TELLER) 18 May 1976 (18.05.1976), abstract, col. 6, lines 8-15		4, 5, 13, 14		
Y	US 2002/0110511 A1 (KLINGSPOR et al) 15 August 2002 (15.08.2002), abstract,		6, 15		
Y	paragraph 0006 US 4,247,532 A (SALETAN et al) 27 January 1981 (27.01.1981), col. 7, lines 23-64		9-17		
		,			
Further	documents are listed in the continuation of Box C.	See patent family annex.			
* . S	pecial categories of cited documents:	"T" later document published after the inte			
"A" document defining the general state of the art which is not considered to be of particular relevance		date and not in conflict with the application but cited to understand of principle or theory underlying the invention 'X" document of particular relevance; the claimed invention cannot be			
	plication or patent published on or after the international filing date	"X" document of particular relevance; the considered novel or cannot be consider when the document is taken alone	red to involve an inventive step		
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"O" document	referring to an oral disclosure, use, exhibition or other means	being obvious to a person skilled in the	e art		
	published prior to the international filing date but later than the ate claimed	"&" document member of the same patent family			
Date of the actual completion of the international search Date of mailing of the international search 0 6 APR 2005		ch report			
21 March 200	05 (21.03.2005)	Authorized officer	- 6		
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Commissioner for Patents		Frank M. Lawrence Jean Proteon			
P.O. Box 1450 Alexandria, Virginia 22313-1450		Telephone No. 571-272-0987	- · / //		
Facsimile No. (703) 305-3230					

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	International application No.	
INTERNATIONAL SEARCH REPORT	PCT/US04/37257	
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Continuation of B. FIELDS SEARCHED Item 3:		
DERWENT		
search terms: diffuser, bubbles, spray		
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